INDEX

ARTICLES

Adams, E. W.: See Luce	
ARROW, KENNETH J.: See ENTHOVEN	
Banerjee, K. S.: Note on the Optimum Allocation of the Number of Con-	
sumption Items in the Construction of a Cost of Living Index	294
: Simplification of the Derivation of Wald's Formula for the Cost of	296
Living Index. Basmann, Robert L.: A Theory of Demand with Variable Consumer Pref-	
erences. Beckerman, W.: The World Trade Multiplier and the Stability of World	47
Trade, 1938 to 1953	239
Blyth, Conrad A.: The Theory of Capital and Its Time-Measures	467
Boiteux, M.: Sur la gestion des monopoles publics astreints à l'équilibre budgétaire	22
Brems, Hans: The Foreign Trade Accelerator and International Transmission	
of Growth	
Burger, E.: On the Stability of Certain Economic Systems	488
CHENERY, HOLLIS B., AND KENNETH S. KRETSCHMER: Resource Allocation	
for Economic Development	365
VAN DANTZIG, D.: Economic Decision Problems for Flood Prevention	276
DAVIDSON, DONALD: See SUPPES	
ENTHOVEN, ALAIN C., AND KENNETH J. ARROW: A Theorem on Expectations	
and the Stability of Equilibrium Fei, John C. H.: A Fundamental Theorem for the Aggregation Problem of	
Input-Output Analysis	
FREUND, RUDOLF J.: The Introduction of Risk into a Programming Model	
HARSANYI, JOHN C.: Approaches to the Bargaining Problem Before and After the Theory of Games: A Critical Discussion of Zeuthen's, Hicks', and	
Nash's Theories	144
Hirsch, Werner Z.: Firm Progress Ratios	
Juréen, L.: Long-Term Trends in Food Consumption: A Multi-Country	
Study	
Kemeny, J. G., Oskar Morgenstern, and G. L. Thompson: A Generaliza-	
tion of the von Neumann Model of an Expanding Economy	
Kemp, Murray: The Relation Between Changes in International Demand and	
the Terms of Trade	41
Kose, Tairoku: Solutions of Saddle Value Problems by Differential Equations Kretschmer, Kenneth S.: See Chenery	59
Luce, R. Duncan: Semiorders and a Theory of Utility Discrimination, And E. W. Adams: The Determination of Subjective Characteristic	
Functions in Games with Misperceived Payoff Functions	
MAJUMDAR, TAPAS; Preference, Choice and the Theory of Games	
McManus, Maurice: On Hatanaka's Note on Consolidation	

F

G

G

Morgenstern, Oskar: See Kemeny	
Percus, Jerome K., and Leon Quinto: Application of Linear Programming to Competitve Bond Bidding	413
QUINTO, LEON: See PERCUS SARGAN, J. D.: A Note on Mr. Blyth's Article	480
Simon, Herbert A.: Dynamic Programming under Uncertainty with a	
Quadratic-Criterion Function	74
Mathematical Training of Social Scientists	82
Subjective Probability and Utility Teicher, Henry: Identification of a Certain Stochastic Structure	264
Thompson, G. L.: See Kemeny	1/4
Tizard, R. H.: Note on Initial Conditions in the Solution of Linear Differential Equations with Constant Coefficients	192
VERDOORN, P. J.: Complementarity and Long-Range Projections	429
Wagner, Harvey: An Eclectic Approach to the Pure Theory of Consumer Behavior	451
BOOK REVIEWS	
$\label{eq:Allais} \textbf{Allais}, \textbf{M.:} \ Les \ Fondements \ Compatables \ de \ la \ Macro-Economique, \ Les \ Equations \ Comptables \ entre \ Quantit\'es \ Globales \ et \ leurs \ Applications, \ by \ Walter$	
Froehlich	97
$\label{eq:Anderson} And Erson, O.: \textit{Probleme der statistischen Methodenlehre}, \ by \ L. \ Schmetterer. \\ Antoine, Jean-Claude: \textit{Introduction à l'analyse macro-économique}, \textit{Tome 1}. \\$	98
Les origines, by Pierre Maillet	101
ence to Methods and Applications, by J. Wolfowitz Beckwith, Burnham P.: Marginal-Cost Price-Output, by Nancy D.	214
Ruggles	~ ~ -
Braithwaite, R. B.: Scientific Explanation: A Study of the Function of Theory, Probability and Law in Science, by David Hawkins	90
: Theory of Games as a Tool for the Moral Philosopher, by David	
Hawkins. Bresciani-Turroni, C.: Corso di Economia Politica (Volume Primo: Teoria	497
Generale dei Fatti Economici), by Louise Sommer	359
CHAMBERLIN, E. H., Ed.: Monopoly and Competition and Their Regulation, by F. H. Hahn	498
CONGARD, ROGER-PAUL: Etude Econométrique de la Demande de Tabac, by R. L. Basmann	
FISHER, SIR RONALD A., AND FRANK YATES: Statistical Tables for Biological, Agricultural and Medical Research, by H. O. Hartley	
FOOD AND AGRICULTURE ORGANIZATION OF THE U. N.: Uses of Agricultural	
Surpluses to Finance Economic Development in Under-Developed Countries: A Pilot Study in India, by M. Bronfenbrenner	

Fossati, Eraldo: Elementi di politica economica razionale, by Gerhard	
GILBERT, MILTON, AND IRVING B. KRAVIS: An International Comparison of	494
National Products and the Purchasing Power of Currencies, A Study of	
the United States, the United Kingdom, France, Germany, and Italy,	
	356
Gollnick, Heinz: Die Nachfrage nach Nahrungsmitteln und ihre Abhängig- keit von Preis- und Einkommensänderungen: Eine ökonometrische Unter-	
suchung von Wirtschaftsrechnungen Hamburger Angestellten- und Arbeiter-	
haushaltungen, by Eberhard Fels	501
and II, by L. R. Klein	354
Goris, Hendrieke: Price-Determining Factors in American Tobacco Mar-	904
kets, by Elmo L. Jackson.	96
Hastings, Cecil, Jr.: Approximations for Digital Computers, by Harry Goheen.	
HILDRETH, CLIFFORD, AND F. G. JARRETT: A Statistical Study of Livestock	
Production and Marketing, by Richard J. Foote	
HOFFMAN, WERNER: Die volkswirtschaftliche Gesamtrechnung, by Hans Peter.	
HOOD, WILLIAM C., AND TJALLING C. KOOPMANS, EDS.: Studies in Econo-	
metric Method, by Olav Reiersøl	
Kalecki, M.: The Theory of Economic Dynamics, by John S. Chipman Klein, L. R., Ed.: Contributions of Survey Methods to Economics, by M. J.	
Farrell	93
Koyck, L. M.: Distributed Lags and Investment Analysis, by Paul Boschan.	
Kurihara, K. K., Ed.: Post-Keynesian Economics, by Kazuo Midutani Lohmann, M.: Einführung in die Betriebswirtschaftslehre, by Eberhard	
Fels.	
LOMBARDINI, SIRO: Il Monopolio nella Teoria Economica, by Pietro Cas-	
tiglioni. Lundberg, Erik: Studies in the Theory of Economic Expansion, by J. Tin-	
bergen	
McCloskey, Joseph F., and Florence N. Trefethen, Eds.: Operations	
Research for Management, by R. Dorfman	
Mossé, Robert: La Monnaie, by Léon Dupriez	89
NATIONAL BUREAU OF ECONOMIC RESEARCH: Business Concentration and	
Price Policy, by Merton J. Peck	
: Input-Output Analysis: An Appraisal, by M. Hatanaka	
: Short-Term Economic Forecasting (Studies in Income and Wealth	
Vol. 17), by Ralph Turvey. Pearson, E. S., and H. O. Hartley: Biometrika Tables for Statisticians	
Volume I, by A. Hald	99
Polak, J. J.: An International Economic System, by John S. Chipman	-
Reichardt, Helmut: Augustin A. Cournot, sein Beitrag zur exakten Wirt	
schaftswissenschaft, by William Jaffé	362

CE

Cr

DDDEF

UNESCO: The University Teaching of Howard R. Bowen Walras, Léon: Elements of Pure Econom by Robert Solow Weber, Hilde: Die Landwirtschaft in der Eine Betrachtung über Beschäftigung a gelberg Wicksteed, Philip H.: The Alphabet of Stigler	ics (Translated by William Jaffé), volkswirtschaftlichen Entwicklung. und Einkommen, by Kaethe Men- Economic Science, by George J.
Wold, H. O.: Portugal: Instituto Nacional	de Estatística: Trabalhos do Semi-
nário de Econometria Dirigido pelo, b	y Gerhard Tintner 91
REVIEV	VERS
Barna, T., 356	Jackson, Elmo L., 96
Basmann, R. L., 497	Jaffé, William, 362
Boschan, Paul, 95	Klein, L. R., 354
Bowen, Howard R., 92	Maillet, Pierre, 101
Bronfenbrenner, M., 361	Mengelberg, Kaethe, 500
Castiglioni, Pietro, 102	Midutani, Kazuo, 217
Chipman, John S., 212, 215	Peck, M. J., 495
Dorfman, R., 94	Peter, Hans, 102
Dupriez, Léon, 89	Reiersøl, Olav, 211
Farrell, M. J., 93	Ruggles, N., 501
Fels, Eberhard, 496, 501	Schmetterer, L., 98
Foote, Richard J., 358	Solow, Robert, 87
Froehlich, Walter, 97	Sommer, Louise, 359
Goheen, Harry, 213	Stigler, G. J., 494
Hahn, F. H., 498	Tinbergen, J., 218
Hald, A., 99	Tintner, G., 91, 494
Hartley, H. O., 90	Turvey, Ralph, 213
Hatanaka, M., 357	Wolfowitz, J., 214
Hawkins, David, 90, 497	
ABSTRACTS OF PAPERS PR	ESENTED AT MEETINGS
Amoroso, L.: The Flexibility of the Productive Anderson, O., Jr., R. K. Bauer, H. Führer,	7, at the Kiel meeting, September 1-3, 7 York meeting, December 27-30, 1955. are not indexed here. haracteristics and the Size of Wage and
BANDEEN, ROBERT A.: Automobile Consumpti	on

BURKHARDT, F.: On the System of Linear Equations Expressing Economic Interde-

BAUER, R. K.: See ANDERSON

7

0

4

CHARNES, A., AND W. W. COOPER: Generalizations of the Warehousing Problem	202
CHARNES, A., AND M. H. MILLER: A Model for Optimum Programming of Railway	240
Freight Train Movements	
CHARRAYRE, J. N.: Les facteurs explicatifs de la consommation d'acier. CHINITZ, BENJAMIN: An Analysis of Ocean Liner Freight Rates	
Chow, Gregory C.: The Demand for Automobiles in the U. S.	
CONRAD, ALFRED: Structural Change, Labor Utilization, and the Inequality of Wage	
Incomes	
COOPER, W. W.: See CHARNES	010
DARLING, PAUL G.: Use of Surrogates in Measuring Expectational Variables: An Ex-	
ample in the Prediction of Investment	
DAVIDSON, DONALD: See SUPPES	
DILLON, JOHN D.: Geographical Distribution of Production in Multiple Plan Operation	349
DORFMAN, ROBERT: See BARANKIN	
EISENPRESS, HARRY: See SHISKIN	
Föhl, C.: A General Dynamic System.	
Frisch, R.: Dynamic Planning	329
Führer, H.: See Anderson	
GOLLNICK, H.: Demand Structure and Storage Holding on the Butter Market	
Greenberger, Martin: The Derivation and Solution of Replacement Decision Equa-	
tions	
HARRISON, J. O., JR.: The Application of Linear Programming to Valuation Problems	
HIRSCH, WERNER Z.: Firm and Industry Progress Functions	
Holt, Charles C.: Optimal Coupling of a Factory Warehouse System	
Hurwicz, Leonid: Programming in Linear Spaces	
JENNINGS, DONALD, AND FRANCIS G. WALKER: An Approximate Method for Optimum	
Machine Loading in a Paper Company	
KARLIN, SAMUEL, AND KENNETH ARROW: Examples of Production over Time at Mini	
mum Cost.	
LANGELUTKE, H.: The Munich Test Method—A New Source of Economic Information	
LENSCHOW, G.: Two Empirical Studies on Monopoly Prices in Germany	
LIPPITT, VERNON: Determinants of Consumer Demand for Household Furnishings and	l
Equipment	. 199
LOMBARDINI, S.: Equilibrium and Disequilibrium in Econometric Models	. 334
Malmquist, S.: Index Numbers and Demand Functions	
McKenzie, Lionel W.: Indirect Taxes in a Leontief System	. 210
MILLER, M. H.: See CHARNES	
MILLS, HARLAN D.: Implicit Mathematical Decision Criteria	
Morgenstern, Oskar, and Y. K. Wong: On the Equilibrium of a Linear Economi	
System with Non-Dominant Outputs	
Nerlove, Marc: Estimates of the Elasticities of Supply of Selected Agricultural Com	
modities	. 350
Petersen, J. P.: See Anderson	
Rosenblatt, David: Foundations of a Stochastic Theory of Organizations	
: On Some Stochastic Process Formulations of Individual Preference and Consume	
Behavior	. 347
Rowe, D. A.: See Stone	
RYDE, DOROTHY: Some Applications of Dimensional Analysis to Economic Deman	
Equations	. 307
: See Zentler	
Schoeffler, Sidney: Some Logical Measure-Functions Applying to Economic Predictions	
tions	. 34

SHISKIN, JULIUS, AND HARRY EISENPRESS: Seasonal Adjustments to Electronic Com-	
puter Methods	340
SMITH, VERNON L.: Economic Equipment Policies: An Evaluation	206
STONE, J. R. N., AND D. A. ROWE: Some Studies of the Market Demand for Durable	
	302
Summers, Robert: An Econometric Investigation of the Size Distribution of Lifetime	
Average Annual Income	346
Suppes, Patrick, and Donald Davidson: Experimental Measurement of Utility by Use	
of a Linear Programming Method	
Theil, H.: Measuring the Accuracy of Enterpreneurial Anticipations	
Tintner, Gerhard: External Economies in Consumption	
Tischner, H.: The Problem of Stability in Economic Systems	
TÖRNQVIST, L.: Formation and Evaluation of Anticipations in Decision Making	
VERDOORN, P. J.: Complementarity and Long-Range Projections	337
Walker, Francis G.: See Jennings	0.80
WHITBECK, VOLKERT: Estimation of Rail Expense Functions	352
WOLFSTEINER, M.: See ANDERSON	
Wong, Y. K.: See Morgenstern Zabel, Edward: A Capacity Concept and Investment Models	000
ZENTLER, A. P., AND DOROTHY RYDE: An Optimum Geographical Distribution of Ex-	
penditure in a Private Organisation	
penatture in a 1 made organisation	040
MEETINGS	
Ann Arbor, August 29-September 1, 1955, Report	198
Kiel, September 1-3, 1955, Report	
New York, December 27-30, 1955, Report.	
Seattle, August 23-24, 1956, Announcement	364
Aix-en-Provence, August 30-September 1, 1956, Announcements 104, 220,	364
Detroit, September 7-10, 1956, Announcements	364
Cleveland, December 27–29, 1956, Announcements	503
MISCELLANEOUS	
Obituary Notice, Dickson H. Leavens	991
News Note.	
Errata 222,	
1311000	201
PORTRAITS	
TJALLING C. KOOPMANS	1
P. C. D. Assert	

